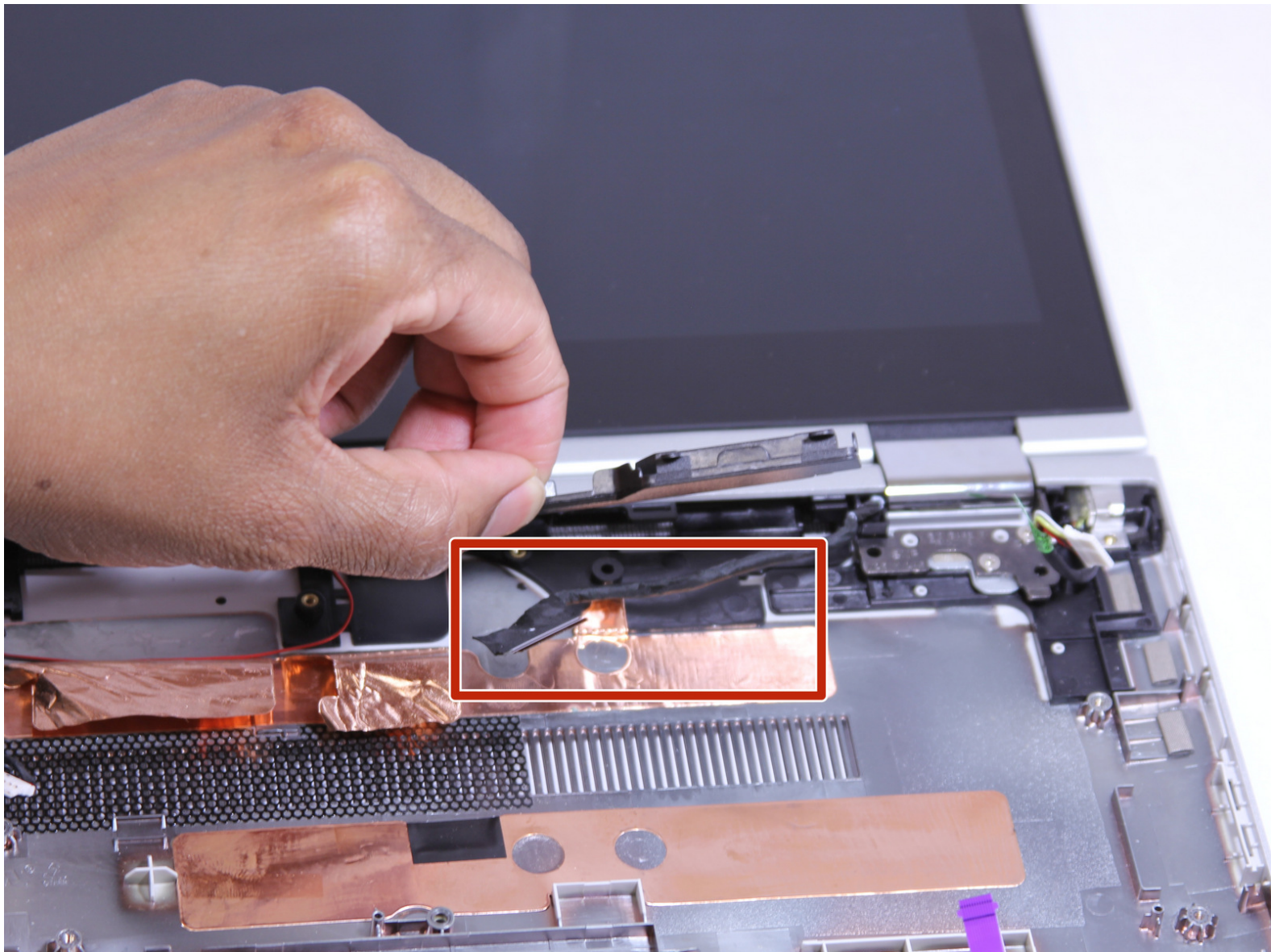




# HP Pavilion x360 m3-u001dx Speakers Replacement

This guide will help you to replace the speakers on the HP Pavilion x360 m3-u001dx.

Written By: Subhleen



## INTRODUCTION

If the speakers are malfunctioning, use this guide to replace them.

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### TOOLS:

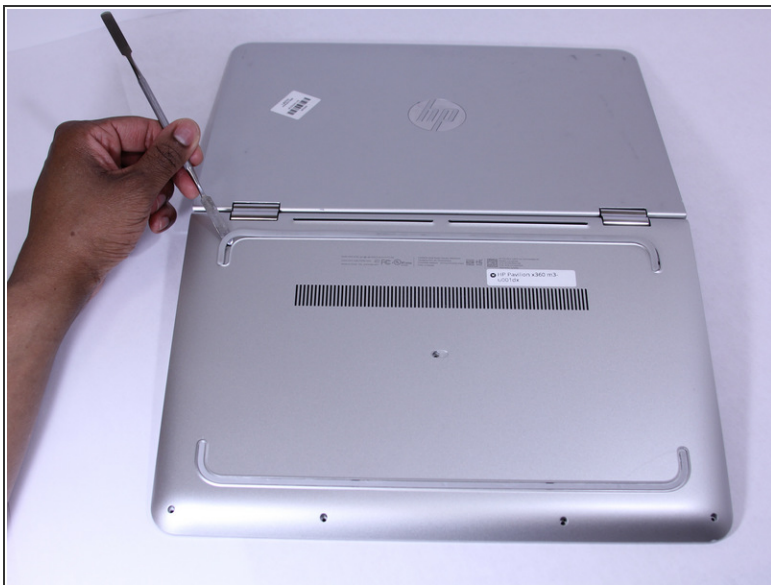
- [Phillips #00 Screwdriver](#) (1)
  - [Metal Spudger](#) (1)
  - [Heavy-Duty Spudger](#) (1)
  - [iFixit Opening Tools](#) (1)
-

## Step 1 — Keyboard



- Shut down the computer.
  - Disconnect the power and all external devices connected to the computer.
- ⚠ Working on your device while it is turned on may result in electric shock.

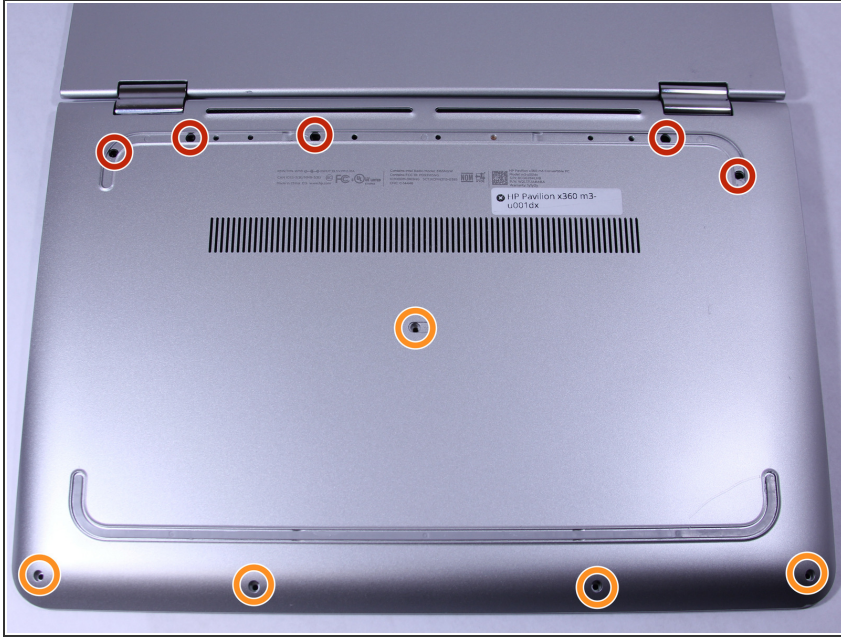
## Step 2



- Use a Metal Spudger and remove the rubber foot closet from the bottom of the laptop.



### Step 3



- Remove all of the screws located on the bottom of the laptop:
  - 5 Phillips 2.4 x 5.7 mm screws
  - 5 Phillips 2.0 x 5.0 mm screws
  - ① Make special note of each screw and screw lock size and location during removal and replacement.

### Step 4




- Turn the computer over onto its base, with the computer open and the keyboard facing upward.



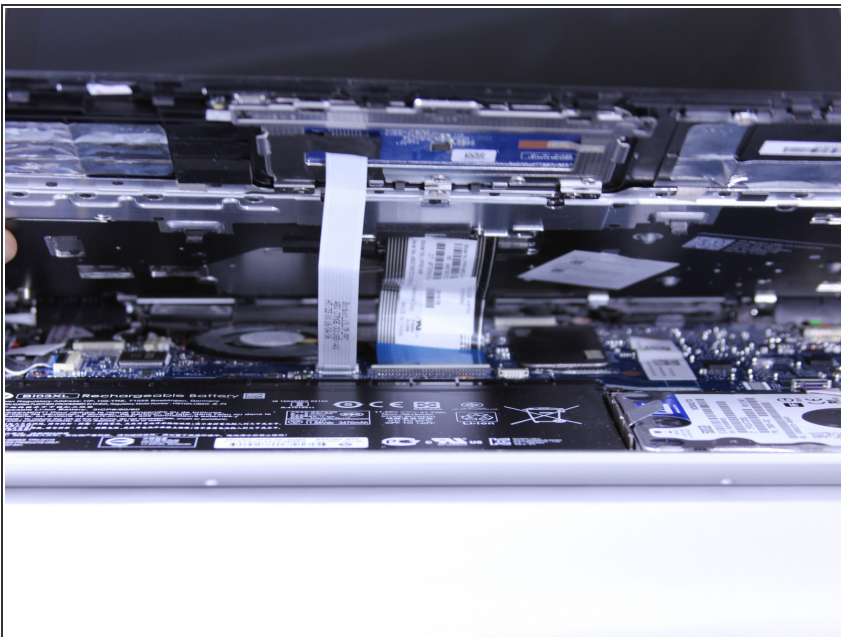
## Step 5




 The keyboard is attached internally by clips. Use a small amount of force when removing the keyboard.

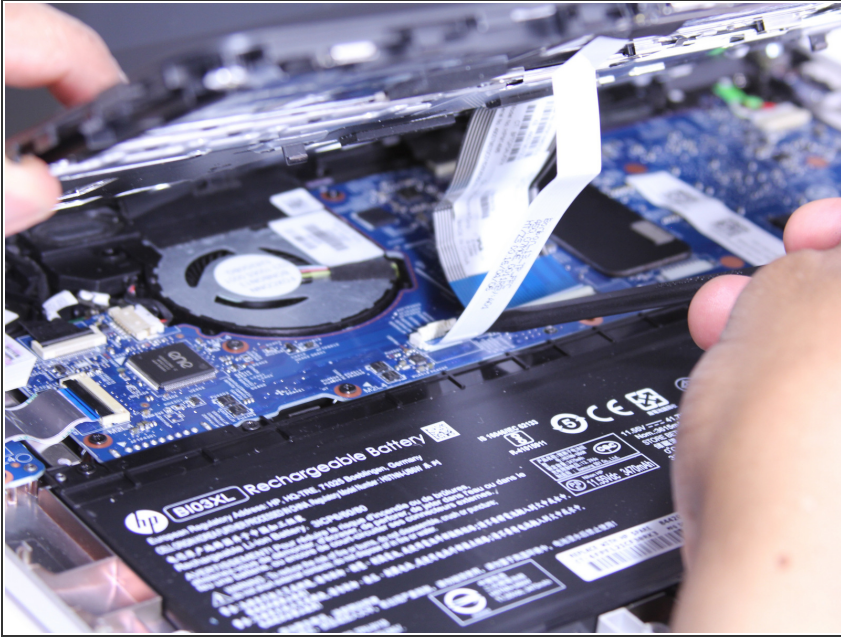
- Use the Plastic Opening Tool to separate the keyboard from the base of the laptop.

## Step 6



- Raise the keyboard slightly to access the touch pad and keyboard cables.
-  Raising the keyboard too far or with excessive force may cause damage to the keyboard, touch pad cables, or their connectors.

## Step 7



- Disconnect the ribbon cables attaching the touch pad and keyboard to the system board (motherboard).
- Using the Heavy-Duty Spudger lift up the plastic locks connecting the ribbon cable to the motherboard.
- Use the blue plastic tab on the ribbon cable to pull it out from the lock on the motherboard.

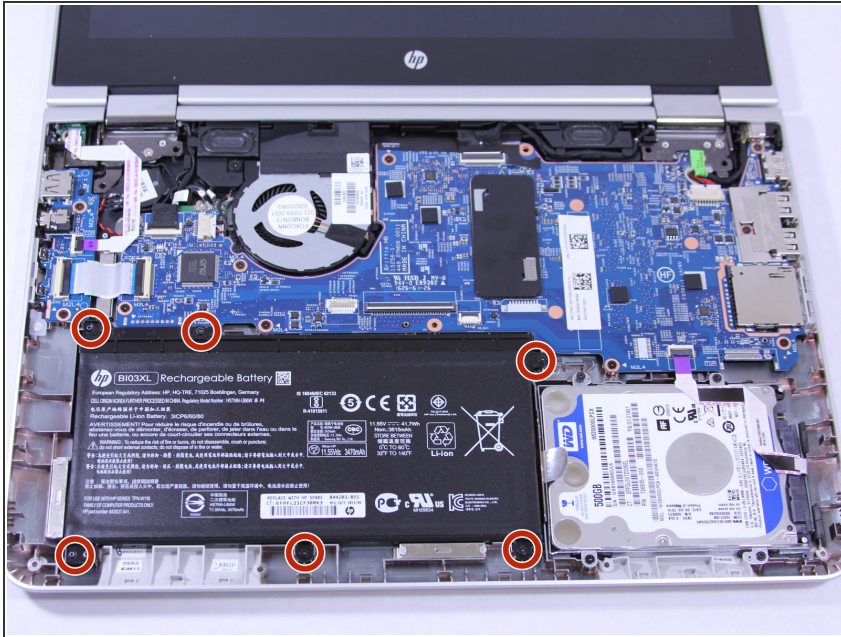
## Step 8



- Lift the keyboard away from the base of the laptop.

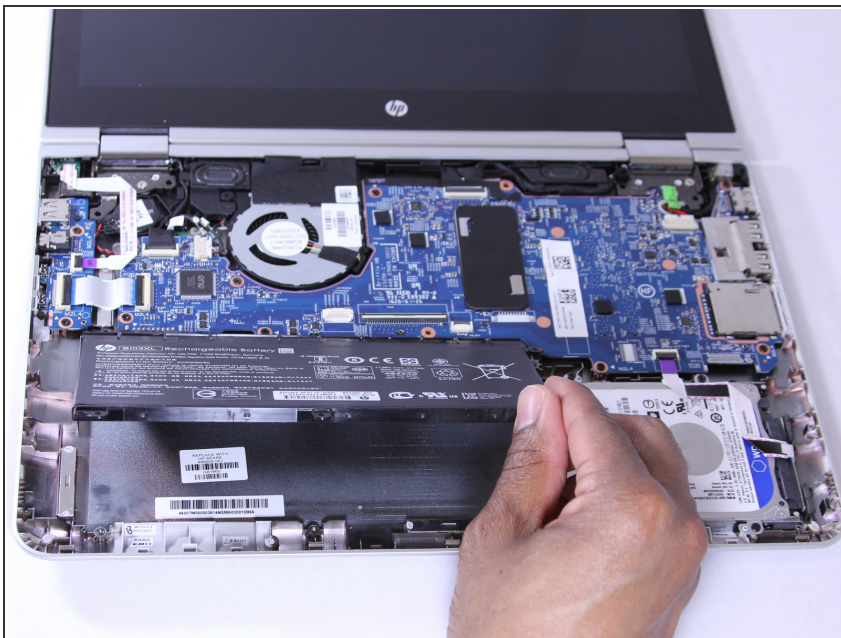


## Step 9 — Battery



- Using the Phillips 00 Screwdriver, remove 6 Phillips 2.0 x 4.6 mm screws from the perimeter of the battery.
- ⓘ Make special note of each screw and screw lock size and location during removal and replacement.

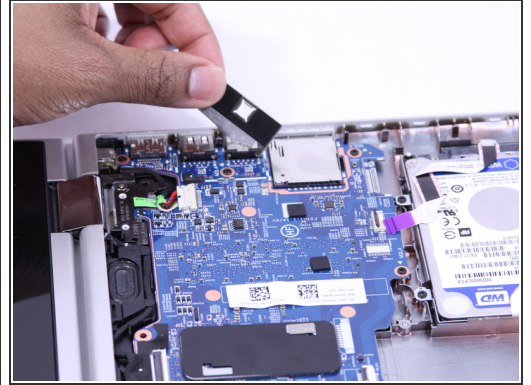
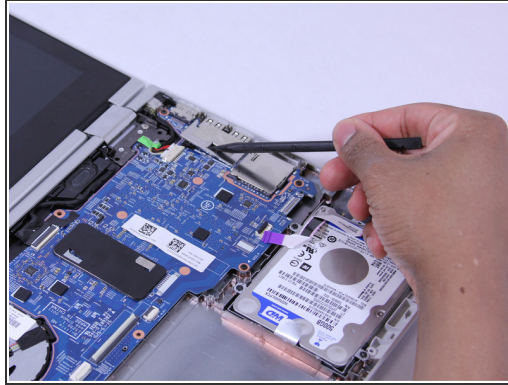
## Step 10



- ⚠ Carefully lift the battery up from lower right corner and disconnect it from the motherboard.

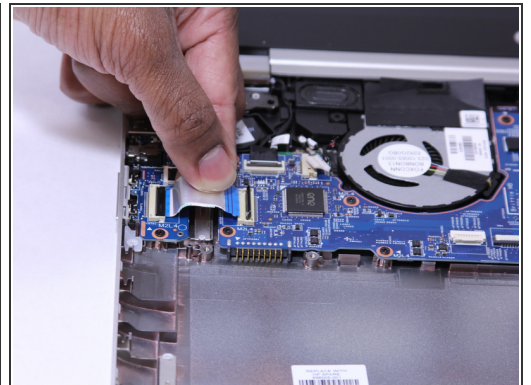
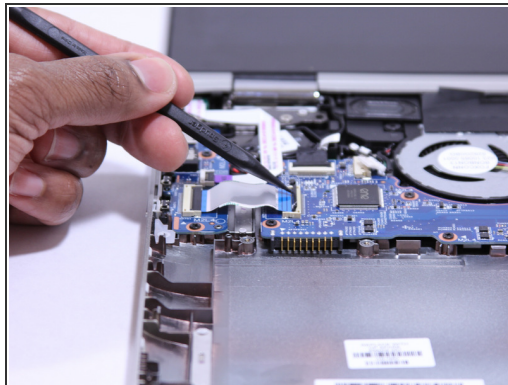
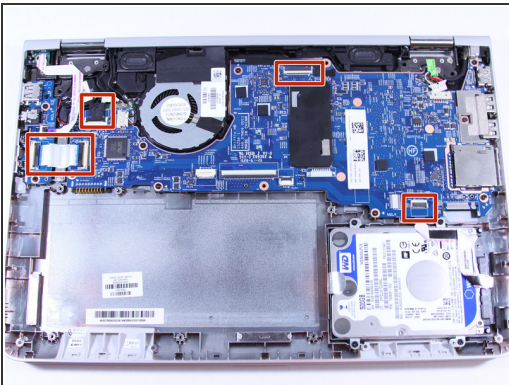


## Step 11 — USB Port Shield



- Remove the adhesive strip.
- Lift the shield away from the base of the laptop.

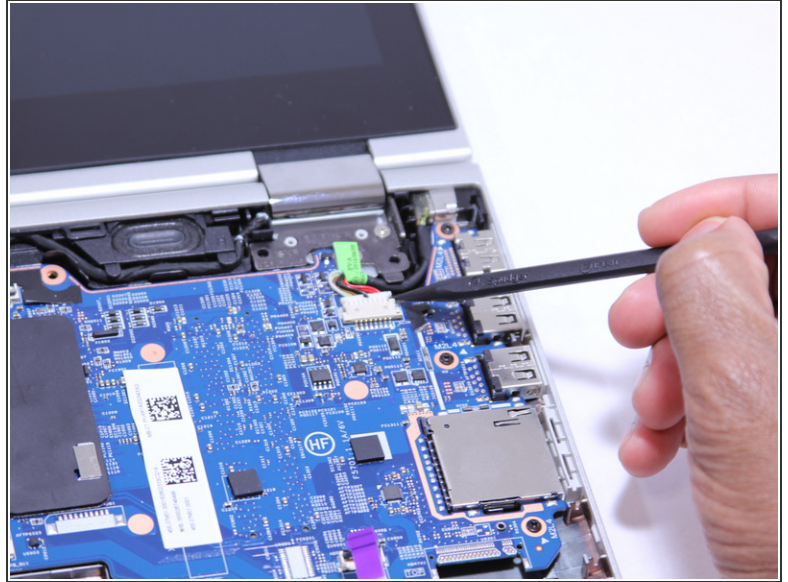
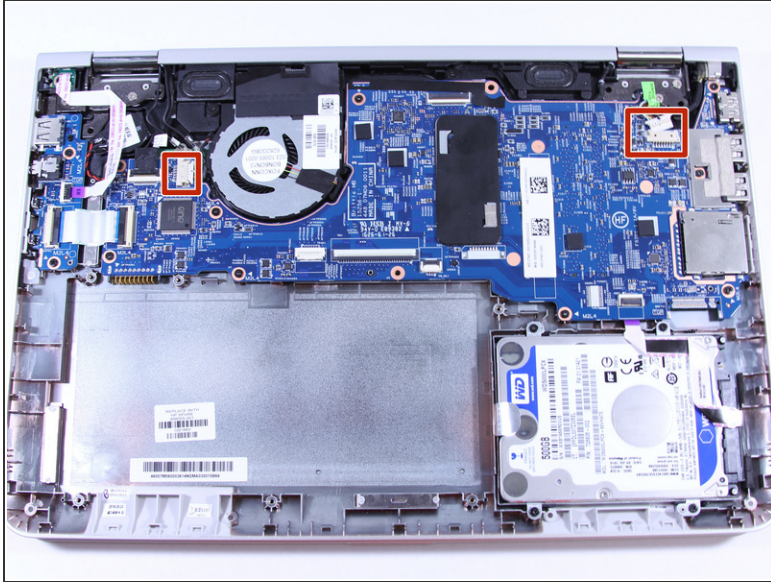
## Step 12 — System Board (Motherboard)



- Disconnect the ribbon cables attached to the system board (motherboard).
  - Using the Heavy-Duty Spudger lift up the plastic locks connecting the ribbon cable to the motherboard.
  - Use the plastic tab on the ribbon cable to pull it out from the lock on the motherboard.

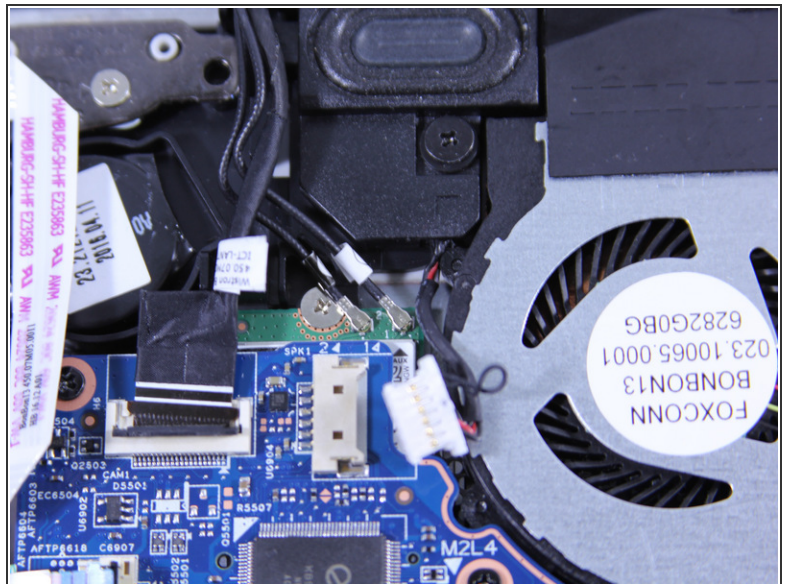
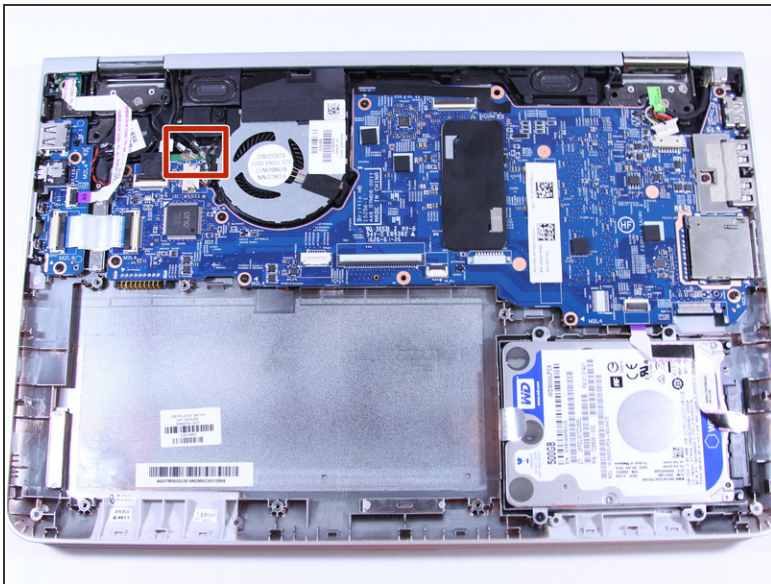


## Step 13



- Disconnect the fastened cables from the system board (motherboard) by carefully pushing the cable's plastic edges using the Heavy Duty Spudger.

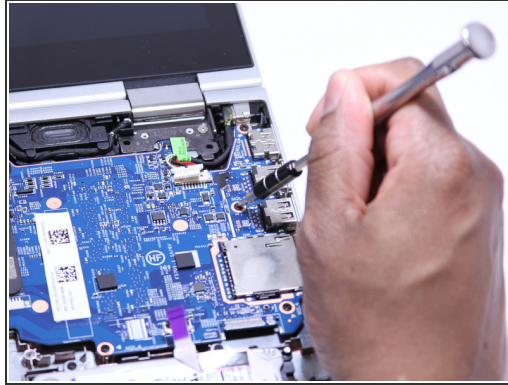
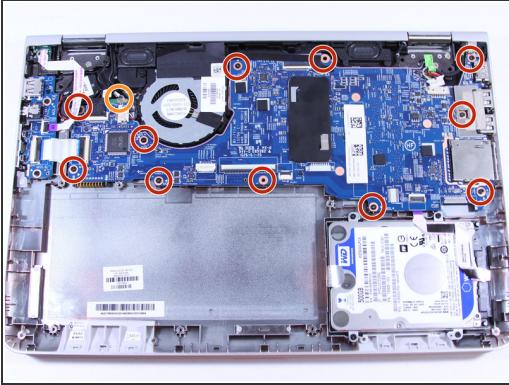
## Step 14



- Pull the clipped cables from system board (motherboard).

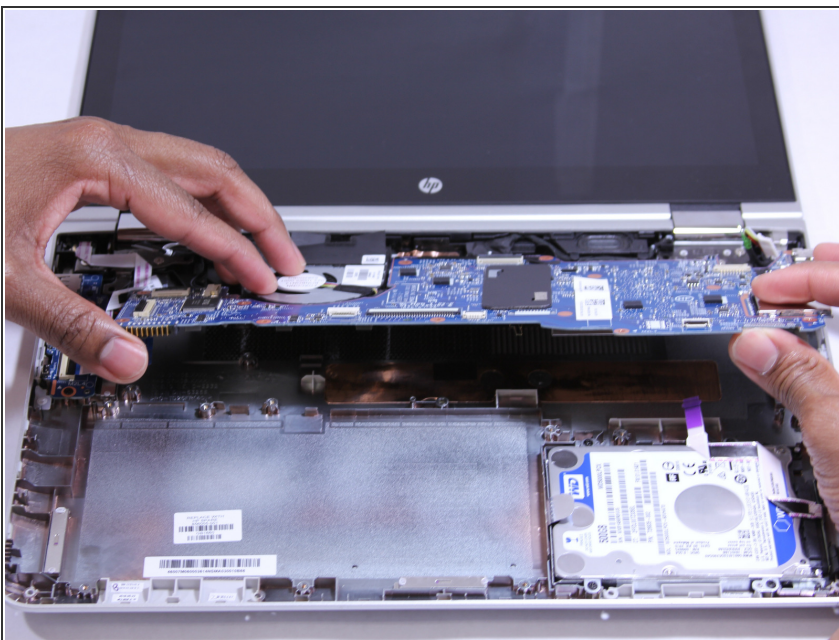


## Step 15



- Remove the system board (motherboard).
  - Using the Phillips 00 Screw Driver, remove 11 Phillips 2.0 x 4.7 mm screws.
  - Using the Phillips 00 Screw Driver, remove the silver screw.
- ⓘ Make special note of each screw and screw lock size and location during removal and replacement.

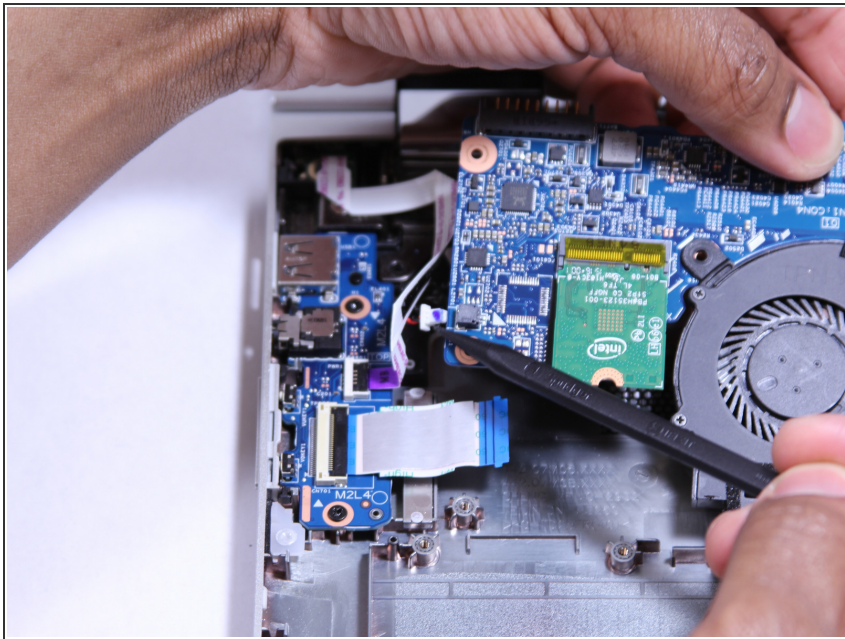
## Step 16



⚠ Carefully lift the front side of the system board (motherboard).

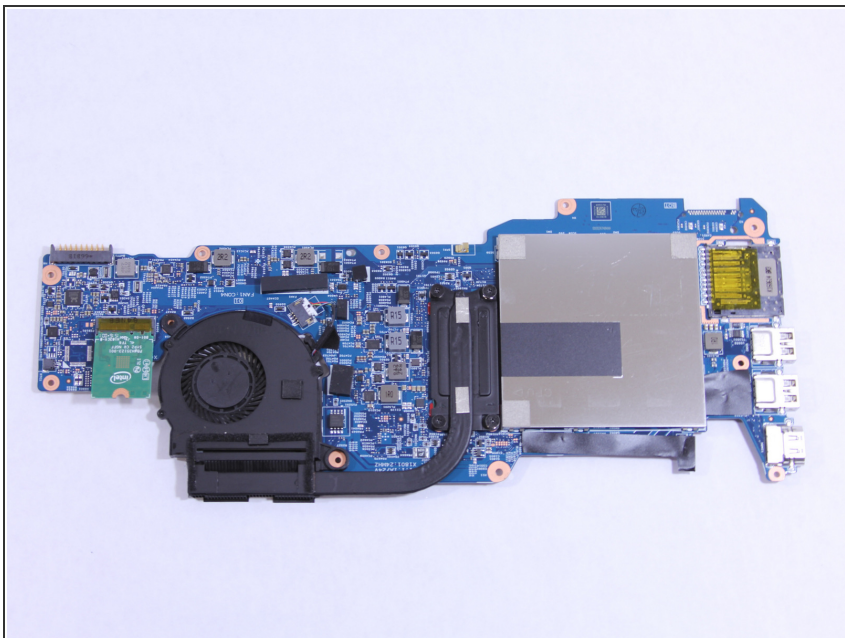


## Step 17



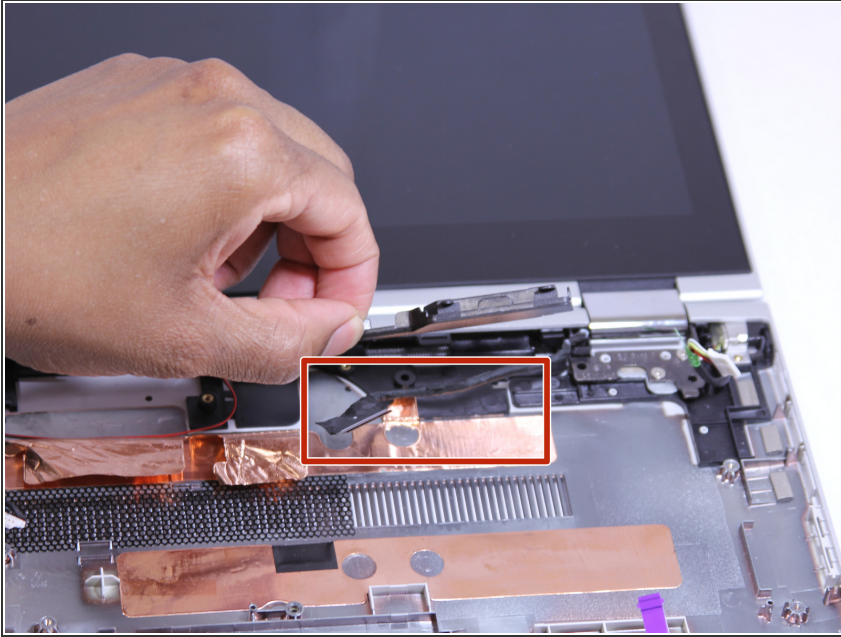
- Using a Heavy Duty Spudger, disconnect the black and red RTC battery cable on the left side of the system board (motherboard).

## Step 18



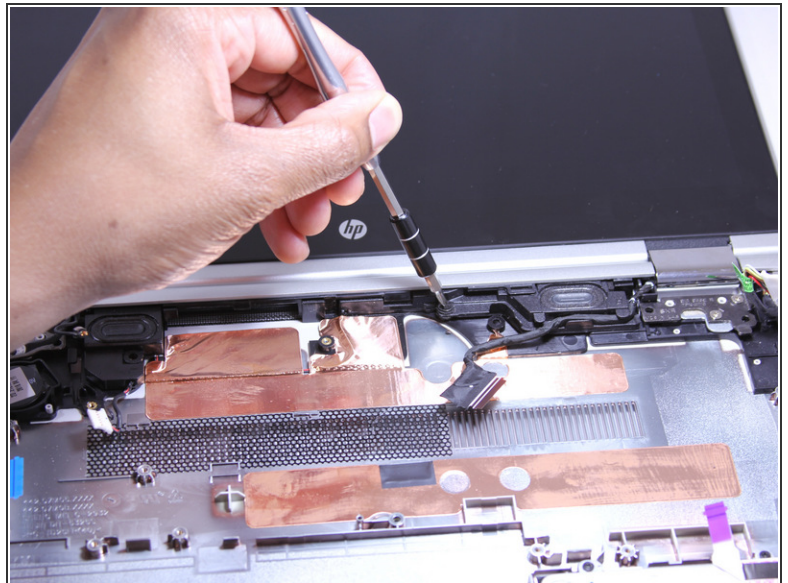
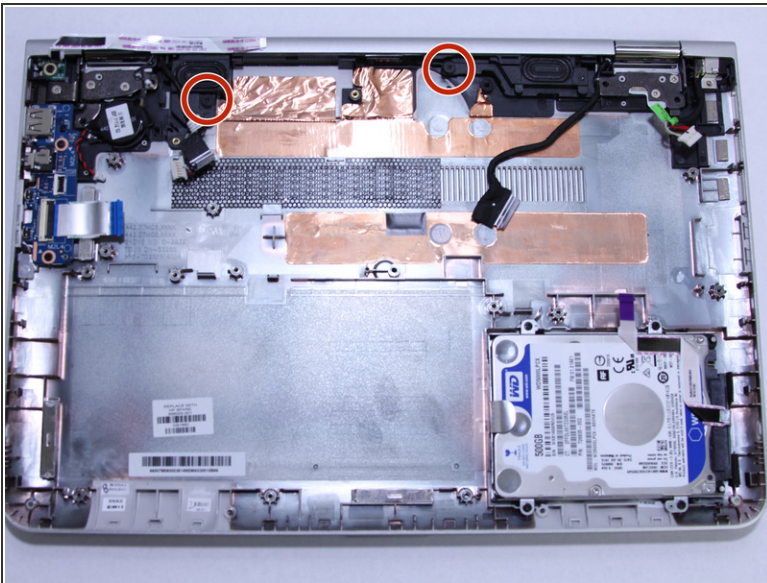
- Release the system board (motherboard) from the base enclosure.
- ⚠ Place the motherboard somewhere safe since it is the most delicate and expensive part of the laptop.

## Step 19 — Speakers



- Remove the cable from its routing path.

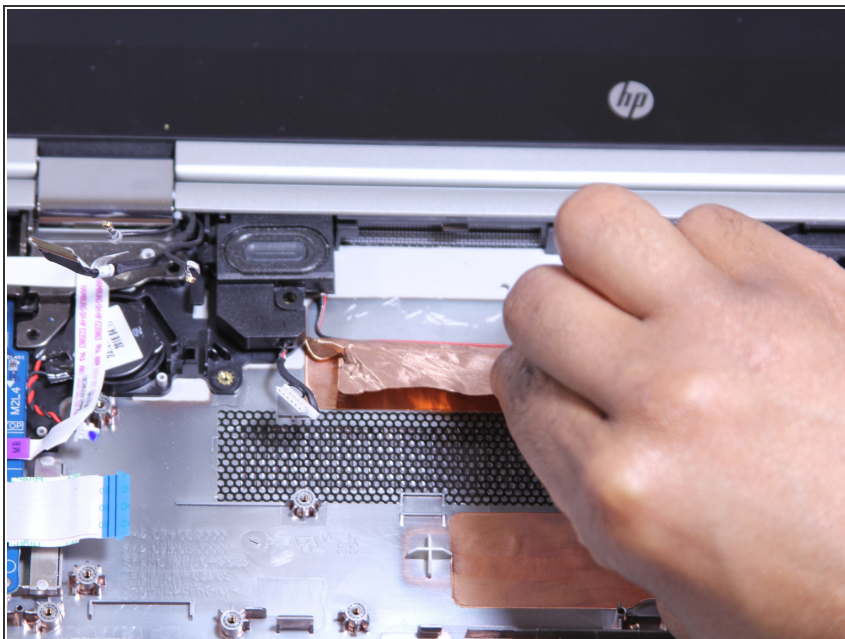
## Step 20




- Remove the 2 Phillips 3.0 x 5.6 mm screws.

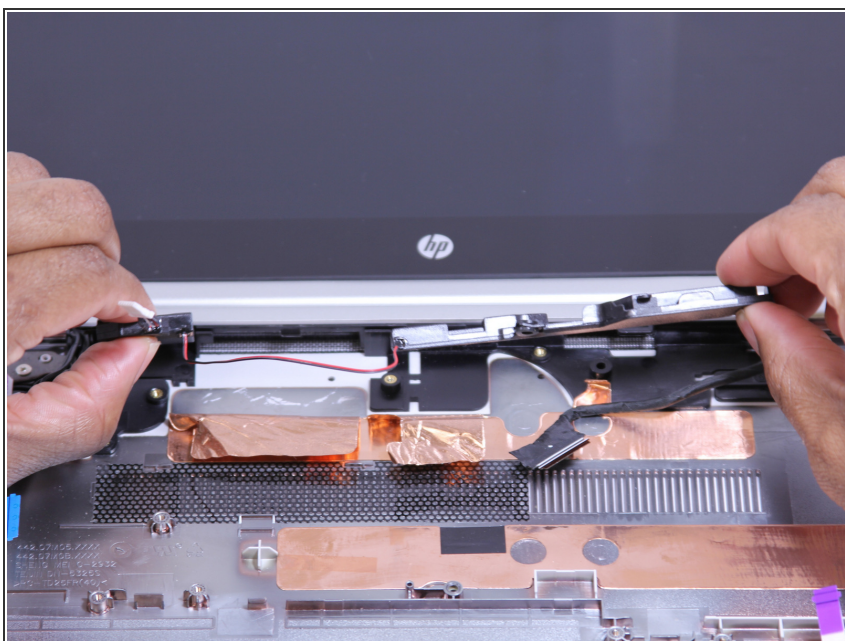


## Step 21



 Carefully peel back the foil as necessary to free the speaker cable from the base of the laptop.

## Step 22



- Lift the speakers away from the base of the laptop.

Follow these instructions in reverse order to reassemble your device.

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